

### **Electives in Internal Medicine (Weiss Memorial Hospital, Chicago IL)**

These exciting new electives in Internal Medicine have been developed by one of our lead educators, Dr. Eric Mizuno. These electives consist of a series of didactic, interactive, remote, online, lectures which have been developed to assist students in their learning in Internal Medicine during this particular time.

The program of teaching modules has been designed to optimize, based on clinical knowledge and experience, and also, an intimate understanding of learning theory, the most efficient and comprehensive approach to ensuring students have not just the knowledge, but a true underlying understanding of clinical medicine. The lecture series has proven efficacy in significantly improving both NBME and USMLE test performance.

At present, both of these modules can be used as an Elective clinical rotation, and we are considering whether they may, in the future, be used as part of the core lecture curriculum as a component of a Core rotation. At present, the program is for elective credit only.

There are two, separate, but related electives in Internal Medicine, each of 6 weeks' duration, details as follows:

**Foundations of Internal Medicine:** an interactive lecture series with directed self-learning.

#### **Foundations of internal Medicine I**

Duration: Six weeks

1. Introduction, including dealing with patients, history and examination and the most common underlying principles of physics encountered in medicine (1 week)
2. An introduction to the most commonly encountered diseases on the wards and also topics covered on both NBME Internal Medicine shelf and USMLE Step 2 CK exams. This would include:
  - a. Cardiology (1 week)
  - b. Pulmonary (1 week)
  - c. Gastroenterology (1 week)
  - d. Renal (1 week)
  - e. Neurology (1 week)

## Foundations of Internal Medicine II

Duration: Six weeks

1. Community medicine (1 week)
2. Endocrinology including diabetes mellitus (1 week)
3. Hematology (1 week)
4. Oncology (1 week)
5. Rheumatology (1 week)
6. Acute medicine (1 week)

### NOTE:

The purpose of each of these weeks is to provide a significant introduction to each of these subspecialties. For those students who desire a greater review of these subspecialties, additional electives may be offered (the content is already available) as additional 2 or 4 week electives.

Also available, are highly recommend workshops, developing specific skills that are indispensable on the wards, in addition to being important for examinations.

The workshops include:

- a. Solving any acid base problem including complex multiple coexistent primary acid base disorders ***utilizing the foundations of the basic metabolic panel and arterial or venous blood gas.***
- b. A systematic method and review of how to read chest x-rays including the underlying physics involved.
- c. A comprehensive review of how to read AND UNDERSTAND 12 lead ekgs and rhythm strips.

In general, the topics within the elective will follow a formal program and each topic will commence with an interactive lecture followed by self-directed learning tasks. In most instances there will be daily lectures. The lectures will be followed up by a review, supported by quizzes and a final evaluation.

Each elective will bear credit towards the student transcript, provided there is an appropriate, satisfactory evaluation and assessment at the end of each elective. Full attendance, class participation and interaction are requirements of these electives.

This is an exciting development and we hope you make the most of the opportunity.

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